

**In the Claims**

Please amend the Claims to read as follows:

1. (Currently amended) A paprika plant, or its parts, the paprika plant being characterized by fruits having a total carotenoids content higher than 10 mg/g dry fruit weight and a branching pattern suitable for mechanical harvesting, wherein the paprika plant is (i) *Capsicum annuum* cv. 1056 or 1057, representative seeds thereof having been deposited under ATCC Accession Nos: PTA-5147 or PTA-5148, respectively.
2. (Original) The paprika plant of claim 1, wherein said fruit of the paprika plant is characterized by a beta carotene content higher than 1.5 mg/g dry fruit weight.
3. (Original) The paprika plant of claim 1, wherein said branching pattern is characterized by a branching angle not exceeding 40 degrees from main stem and branch points which occurs at a height of least 30 cm above ground in mature plants.
4. (Original) The paprika plant of claim 1, further characterized by having an average height exceeding the average height of a *Capsicum annuum* cv. Lehava plant being of a similar age and grown under similar conditions.
5. (Original) The paprika plant of claim 1, further characterized by having a number of fruits per plant exceeding the number of fruits per plant of a *Capsicum annuum* cv. Lehava plant being of a similar age and grown under similar conditions.
6. (Original) The paprika plant of claim 1, further characterized by having a dry fruit yield exceeding the dry fruit yield of a *Capsicum annuum* cv. Lehava plant being of a similar age and grown under similar conditions.
7. (Cancelled)
8. (Cancelled)

9. (Original) A seed of the paprika plant of claim 1.
10. (Original) A tissue culture of regenerable cells of the paprika plant of claim 1.
11. (Currently amended) The tissue culture of claim 10, wherein the tissue culture regenerates plants ~~capable of expressing~~ having all the morphological and physiological characteristics of the paprika plant.
12. (Original) The tissue culture of claim 10, wherein the tissue culture is regenerated from cells or protoplasts of a tissue selected from the group consisting of seeds, leaves, stems, pollens, roots, root tips, anthers, ovules, petals, flowers, embryos, fibers and bolls.
13. (Original) The paprika plant of claim 1, wherein the paprika plant is further characterized at maturity by at least one trait selected from the group consisting of plant height exceeding 90 cm, an average fruit length of at least 11 cm, an average fruit width of at least 2.9 cm, an average fruit dry weight of at least 3.5 g, an average number of fruits per plant of at least 11.7 fruits and an average fruit dry weight yield of at least 0.65 kg per m<sup>2</sup>.
14. (Original) The paprika plant of claim 13, wherein the paprika plant is further characterized at maturity by having brown seeds.
15. (Original) The paprika plant of claim 13, wherein the paprika plant is further characterized at maturity by having light yellow seeds.
16. (Cancelled)
17. (Cancelled)

18. (Cancelled)

19. (Currently amended) A method of generating a paprika plant ~~using plant breeding techniques which employ a paprika plant, or its parts, as a source of plant breeding material, the method comprising~~ crossing paprika plant *Capsicum annuum* cv. 1056, (ATCC Accession No: PTA-5147) or *Capsicum annuum* cv. 1057 (ATCC Accession No: PTA-5148) with another paprika plant.

20. (Currently amended) The method of claim 19, wherein ~~the~~ the plant breeding technique is used in generating the paprika plant, the plant breeding technique ~~is~~ are selected from the group consisting of recurrent selection, backcrossing, pedigree breeding, restriction fragment length polymorphism enhanced selection, and genetic marker enhanced selection ~~and transformation~~.

21. (Cancelled)

22. (New) A paprika plant, or its parts, the paprika plant is *Capsicum annuum* cv. 1056 or 1057, representative seeds thereof having been deposited under ATCC Accession Nos: PTA-5147 or PTA-5148, respectively.